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OR LIQUEFIED()PETROLEUM) AND (IC=F02D-041 OR IC=F01N-011
                      OR IC=F02D-037/02)
                 171
                      S1
               75680
                     TIMING
               22418 PILOT
          S2
                  13 S1 AND (TIMING OR PILOT)
                 171 S1
               75680
                     TIMING
               22418 PILOT
               28719
                     DIESEL
                  28 S1 AND (TIMING OR PILOT OR DIESEL)
          S3
                 28 S3
            2657707 P€=US
                            (United States of America)
                 14 S3 NOT PC=US
   ?t 4/5/2,4-11
    4/5/2
   DIALOG(R)File 351:Derwent WPI
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   013880072
   WPI Acc No: 2001-364284/200138
   XRPX Acc No: N01-265917
    Gas fuel internal combustion engine for vehicles, has controller for
    optimum fuel injections individually into interconnected main combustion
    chamber and ignition combustion chamber based on engine load
  Patent Assignee: GH GOTO IKUEIKAI (GOTO-N)
  Number of Countries: 001 Number of Patents: 001
  Patent Family:
  Patent No
                Kind
                       Date
                               Applicat No
  JP 2001107809 A
                                              Kind
                                                     Date
                    20010417
                              JP 99284977
                                              A
                                                   19991006 200138 B
  Priority Applications (No Type Date): JP 99284977 A 19991006
  Patent No Kind Lan Pg
                          Main IPC
                                       Filing Notes
 JP 2001107809 A 7 F02M-021/02
 Abstract (Basic): JP 2001107809 A
         NOVELTY - The engine has main combustion chamber (8) in cavity (14)
     of piston and ignition combustion chamber (9) which are interconnected
     through passage (13). A controller is provided for optimum control of
     main and supplement fuel injection valves (11,12) which inject fuel
     individually into the chambers (8,9) based on engine load and ignition
     timing control of ignition plug (10) in chamber (9).
         USE - For vehicles using natural
                                            gas as engine fuel.
         ADVANTAGE - Improves fuel consumption economy by supplying fuel
     using supplement fuel injector only, as main and ignition combustion
     chambers are interconnected. Improves engine performance as optimum
    fuel injection control is performed based on engine load without need
        DESCRIPTION OF DRAWING(S) - The figure shows schematic block
    diagram of gas fuel internal combustion engine. (Drawing includes
    non-English language text).
        Main combustion chamber (8)
        Ignition combustion chamber (9)
        Ignition plug (10)
        Fuel injection valves (11,12)
        Passage (13)
        Cavity (14)
        PP; 7 DwgNo 1/6
Title Terms: GAS; FUEL; INTERNAL; COMBUST; ENGINE; VEHICLE; CONTROL;
 OPTIMUM; FUEL; INJECTION; INDIVIDUAL; INTERCONNECT; MAIN; COMBUST;
 CHAMBER; IGNITION; COMBUST; CHAMBER; BASED; ENGINE; LOAD
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Derwent Class: Q52; Q53; Q54; X22